



Alcohol Breath Analyzer



Description

Alcohol Breath Analyzer is designed for industrial applications to measure breath alcohol concentration with high accuracy and reliability. The instrument is constructed with ABS material and features a digital LED display for clear and easy reading. It operates on DC supply and supports both rechargeable battery as well as AAA alkaline batteries for flexible power options.

The analyzer is equipped with a fuel cell electrochemical sensor, ensuring precise detection at alert points. It offers multiple display ranges including % BAC, ‰BAC and mg/L, along with unit conversion capability for user convenience. The device performs breath sampling in about 6 seconds of continuous operation and includes an automatic closed time of about 2 minutes for efficient power management.

It operates within a temperature range of 0 to 50°C and is compact in size (125x60x17mm) with a lightweight design of 80g, making it suitable for portable industrial use. The product complies with CE and GB/T 21254-2007 standards and is supplied with accessories including 4 blow tubes and 1 inner tube.

Features

- Fuel cell electrochemical sensor
- LED digital display
- Automatic closed time about 2 minutes
- Breath sampling about 6 seconds of continuous
- Unit conversion: % BAC, ‰BAC and mg/L
- Compact and lightweight design

Applications

- Industrial safety monitoring
- Alcohol detection in workplace environments
- Law enforcement and compliance testing

Uses

- To measure breath alcohol concentration accurately
- To ensure safety compliance in industrial environments



KABA-400

Technical Specifications

Parameter	Specification
Material	ABS
Model Name/Number	KABA-400
Usage/Application	Industrial
Color	Black
Packaging Type	Box
Display Type	Digital
Brand	KLABS
Grade	Manual
Supply	DC
Power	10440 rechargeable battery
Accuracy	+/- 0.006%BAC at alert point
Temperature	0 to 50 Degree Celsius
Country of Origin	Made in India
Sensor	Fuel cell electrochemical sensor
Display Range	0.00 to 4.00‰ BAC, 0.00 to 0.40% BAC, 0.000 to 2.00 mg/L, 0~400mg/100mL
Accuracy	+/- 0.008°C at alert point
Display	LED digital display
Automatic closed time	about 2 minutes
Breath sampling	about 6 seconds of continuous
Power supply	3 x 1.5V AAA alkaline batteries
Size	125x60x17mm
Single weight	80g
Operating temperatures	0 to 50°C
Unit conversion	% BAC, ‰BAC and mg/L
Standards	CE and GB/T 21254-2007
Accessories	4 blow tube and 1 inner tube